



The HVAC&R Industry

A weekly eNewsletter from ASHRAE



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Advancing HVAC&R to Serve Humanity and Promote a Sustainable World

The HVAC&R Industry, ASHRAE's free weekly eNewsletter for HVAC&R professionals, provides relevant, timely information about industry and technology for people who create healthy, comfortable indoor environments.

Industry News

Construction Firm Offices Certified LEED® Double Platinum

LANSING, Mich.—The headquarters of a construction firm in Lansing, Mich., is reportedly the first building to achieve LEED Double Platinum certification from the U.S. Green Building Council (USGBC). Offices occupy roughly half of the 64,000 ft² (5900 m²) building, which was first built in 1928. According to the Christman Construction Company, the \$12 million cost of construction was no greater than if it were to have used conventional building practices. The owners of the project achieved Double Platinum status by registering the core and shell using LEED-CS for the building renovation, and then separately registering the interior build-out under LEED-CI (Commercial Interiors).

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Fuel, Electricity Prices to Continue Upswing, Says DOE

WASHINGTON—The average price for regular gasoline in the United States will continue to increase until it reaches \$4.15 in August, according to the U.S. Department of Energy's (DOE) Energy Information Administration (EIA). The EIA's "Short-Term Energy Outlook," released June 10, also projects increased prices for diesel and natural gas. With fuel prices up, electricity prices are also expected to increase by about 3.7% in 2008 and another 3.6% in 2009. The main driver is the cost of crude oil, which the EIA now projects to increase per barrel 2009. Until now, the EIA has forecast a drop in crude oil prices in 2009.

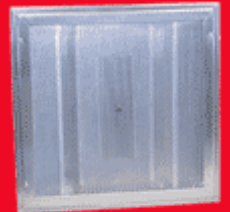
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AHRI Intervenes in Lawsuit Against DOE

ARLINGTON, Va.—AHRI has intervened on the side of the U.S. Department of Energy (DOE) in a lawsuit brought against the department by a group of states and environmental advocacy groups. The plaintiffs have petitioned the U.S. Court of Appeals to void DOE's final ruling that raised the federal minimum AFUE standards for indoor residential and mobile home gas furnaces from 78% to 80%, effective Nov. 19, 2015. The petitioners include New York, Connecticut, Massachusetts, California, New Jersey, New York City and the Natural Resources Defense Council. They claim that DOE erred by not prescribing a 90% AFUE national minimum efficiency standard for indoor gas furnaces. AHRI intervened in support of the 80% AFUE standard and plans to file briefs to respond to the petitioners' arguments.

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[FTC Turns Attention to 'Green' Marketing Claims](#)

WASHINGTON—The U.S. Federal Trade Commission (FTC) has announced that it is examining green marketing claims made by building and textiles firms as it reviews its guidelines governing environmental marketing. The FTC is planning to host a public workshop on July 15 to examine developments in green building and textiles claims and consumer perception of such claims. The workshop will focus on consumer understanding of green claims, the current state of third-party verification and whether additional or updated FTC guidance is required.

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ASHRAE News

[New Handbook Volume Covers UVC, Turbine Cooling](#)

The *2008 ASHRAE Handbook—HVAC Systems and Equipment* is available. This volume features new chapters related to ultraviolet lamp systems and combustion turbine inlet cooling. The chapter on ultraviolet lamp systems addresses the use of systems to improve indoor air quality. The new combustion turbine inlet cooling chapter provides discussion on how the cooling is used to help improve combustion turbine performance.

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[Interest in ASHRAE Rises With Temperatures](#)

DESERET, Utah—As the U.S. bakes, interest in ASHRAE rises. A recent newspaper story in the Deseret (Utah) News quoted ASHRAE President Kent Peterson, P.E., and Max Sherman, Fellow ASHRAE, on ways to beat the heat. About 16% of electricity in the U.S. is consumed by room and central air conditioners.

[Click here](#) to visit the ASHRAE consumer information Web page.

[Click here](#) to read the Deseret (Utah) News article.

Feature of the Week

[Smoke Management in the 2006 IBC](#)

By Jeffrey S. Tubbs, P.E.

According to the author, smoke management requirements introduced in the 2006 edition of the International Building Code (IBC) allow greater design flexibility. This article presents a review of the requirements, focusing on revised provisions related to fire command centers, smoke management in underground buildings and atrium spaces.

This article was originally published in October 2006. [Click here](#) to download the article. It will be available here through June 26.

After June 26, access to the article from this eNewsletter will no longer be available. It will remain available for free download by Members [here](#) and for purchase by nonmembers in the [ashrae.org bookstore](#).

Product News

Metered Rack PDU From APC

WEST KINGSTON, R.I.—APC introduces the AP7866 metered rack power distribution unit (PDU) for high-density data center applications. Its low-profile design improves access to hot-swappable blade components and minimizes congestion. It features comprehensive current metering on each phase and on each of six load banks to warn of potential overloads, using user-defined thresholds for local and remote alarms.

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Plenum Fan From Greenheck

SCHOFIELD, Wis.—Greenheck introduces the Model QEM plenum fan for low-pressure supply and return air-handling applications. It features a 12-blade airfoil wheel that reduces energy consumption and sound levels. The fan is available in belt- and direct-drive models, with footprints that are smaller than conventional plenum fans.

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BACnet® Workstation Software From Reliable Controls

VICTORIA, BC, Canada—Reliable Controls offers RC-Studio® 2.0 BACnet operator workstation software. The software features a simulator component, which enables users to program an entire system offline without controller hardware. BACnet points can be programmed using a drag-and-drop interface with full-priority array control.

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